

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: LEDOUX et al. Conf.: 7224
Appl. No.: 09/822,864 Group: 2881
Filed: April 2, 2001 Examiner: NGUYEN, K.T.
For: METHOD AND SYSTEM FOR CONTROLLING BEAM
SCANNING IN AN ION IMPLANTATION DEVICE

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION
OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

April 8, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☐ Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. ☒ **OTHER**

The following additional information is provided for the Examiner's consideration.

The International Search Report provided and indicating the degree of relevance for three of the cited references is from corresponding PCT application PCT/GB 02/01504. The other references are referenced in the application.

FEES

IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. ☐ concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- d. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. ☐ No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)

- ☐ A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

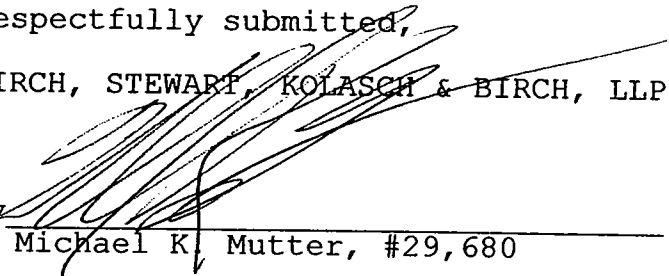
Appl. No. 09/822,864

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
Michael K. Mutter, #29,680

P.O. Box 747
Falls Church, VA 22040-0747

(703) 205-8000

MKM//kmr/gf/kmr
04600/USA/TCG/ORION/LE
BSKB REF. 1028-0171P

Enclosures: ☒ PTO-1449
☒ Documents
☒ Foreign Search Report
☐ Fee
☐ Other:

(Rev. 02/20/03)

Form PTO-1449 <p style="text-align: center;">INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p style="text-align: center;">(Use several sheets if necessary)</p>	ATTY DOCKET NO. 04600/USA/TCG/ORION /LE BSKB DOCK, NO. 1028- 0171P APPLICANT LEDOUX ET AL. FILING DATE April 2, 2001 APPLICATION NO. 09/822,864 GROUP 2881
---	--

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,483,077	B1	1996-01-09	Glavish			
	US 6,037,583	B1	2000-03-14	Moehler et al.			
	US 5,672,879	B1	1997-09-30	Glavish			
	US 4,733,091	B1	1988-03-22	Robinson et al.			
	US 5,229,615	B1	1993-07-20	Brune et al.			
	US 4,494,005	B1	1985-01-15	Shibata et al.			
	US 4,922,106	B1	1990-05-01	Berrian et al.			
	US 6,525,327	B1	2003-02-25	Mitchell et al.			
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	EP	0 975 004		2000-01-26	EP				
	EP	0 457 321		1991-11-21	EP				
	WO	99/13488		1999-03-18	PCT				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

1028-0171P

MKM/JPK/kmr

CERTIFICATION OF MAILED DOCUMENT(S) TO U.S.P.T.O.

The undersigned hereby certifies that the correspondence indicated on the attached photocopy of the postcard receipt **was reviewed and found to be in proper order** for filing in the U.S.P.T.O. by

☐ Certificate of Mailing Procedures (This correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231; on the below indicated date.)

☒ Hand Carry to the U.S.P.T.O. mailroom by WASHINGTON EXPRESS COURIER on the below indicated date.

☐ Telefaxed to the U.S.P.T.O. on the below indicated date in accordance with the procedures for faxing documents to the U.S.P.T.O. Upon successful transmission to the U.S.P.T.O., a copy of the facsimile Transaction Report will be attached herewith.

Signed: _____

Date: 4-8-03

APPL. NO.:

ATTORNEY DOCKET NO.:

RESPONSIBLE ATTY./SECY.:

DUE DATE:

DOCKET NO. 1028-0171P

(Rev. 09/23/01)

Papers Filed herewith on: 4-8-03

DOCKET NO.: 1028-0171P

ATTY.: MEM/JPB

APPLICANT(S): LEONARD E. AL

USPN: 01/022864 FILED: 4-2-01

PAT NO.: _____

☐ New Application with Transmittal Letter

☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional

☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV

☐ Filing Under 37 CFR 1.53(d) (CPA)

☐ Specification Consisting of: _____ pages

☐ Combined Declaration & Power of Attorney

☐ Assignment / Cover Letter

☐ Issuance Official Draftsman

☐ Drawing(s) ☐ Sheets ☐ Formal ☐ Informal ☐ Red-link

☐ Completion of Filing Requirements, PCT/DO/EO/905

☐ PCT/DO/EO/905 and Executed Declaration

☐ Filing Document(s) / Cover Letter, No. Doc. _____

☐ Large Entity ☐ Small Entity

☐ Information Disc Summ. PTO-1449(s) ☐ Appeal Brief

☐ Notice of Appeal

☐ Notice of Transmittal

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

☐ PCT/DO/EO/905

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case. COMMISSIONER OF PATENTS AND TRADEMARKS

Due Date: 4-31-03

Handcarry: _____